

CHARGE NUMBER: 1600

PROGRAM TITLE: Smoker Psychology

PROJECT LEADER: W. L. Dunn, Jr.

PERIOD COVERED: November 1 - 30, 1973

DATE OF REPORT: December 12, 1973

Project Title: Alpha Brain Waves and Smoking
Written by: W. L. Dunn

We are continuing to collect data in Phase I.

Project Title: Controlling Smoke Inhalation Post-Puff
Written by: W. L. Dunn

Having decided that the three essential measures at this stage of the study are nasal air inhalation volume, oral air inhalation volume and puff volume, we are actively investigating the various ways of obtaining these measures under conditions of minimal obtrusiveness. Tentatively we have settled upon a space-helmet approach using a mass flow meter (thermistor, sometimes called hot-wire anemometer) to measure nasal and oral air volumes. We anticipate differences in these measures and in the temporal patterning of these flows among individuals and changes for a given individual as a function of changes in smoke composition and/or concentration. Since nasal and oral air flows are rarely measured discretely in respiratory investigations, considerable innovation in and customizing of instrumentation is likely to be needed.

Project Title: Frustration and Smoking (Echo)
Written by: Frank Ryan

We are now designing a study, using the delayed auditory feedback tape recorder, to investigate whether smokers will be affected less after smoking than after not smoking when reading under delayed feedback or immediate feedback conditions.

2022160814

Project Title: Puffing Behavior
Written by: Frank Ryan

Data gathering is continuing on the present study, Puff Five. This study is investigating the effects of five different cigarette lengths on puff volume, flow rates, and puff duration.

Project Title: MX Studies
Written by: Frank Ryan

The RP³ panel found no significant differences between packs of cigarettes containing either 7.6 mg or 12.8 mg FTC tar and packs containing both 7.6 mg and 12.8 mg cigarettes in a 50-50 mix (two two-pack handouts were tested).

Project Title: Smoking, Arousal, and Mood Change
Written by: T. R. Schorf

We have been running college students as pilot subjects on this study. And we will now commence running regular subjects. The data acquisition phase should continue for approximately 3 months.

Project Title: Tar, Nicotine, and Smoking Behavior (TNT-4)
Written by: T. R. Schorf

The technical report for this study should soon be ready for distribution.

Project Title: Miscellaneous
Written by: T. R. Schorf

We are currently awaiting cigarettes for two mailout studies--DL-1 and MN-3. And we are in the process of requesting cigarettes for a third mailout study--DL-2. Our paper "Rorschach Factors and Somatotype" was published in the Journal of Clinical Psychology.

/j1h



2022160815